

Claims 1-21 (Canceled)

22. (Currently Amended) A method for a client workstation to supply information to an application which resides on a server, said method comprising the steps of:

said client workstation receiving from said application in said server via a network an audiovisual form in a written markup language, said form defining including fields with respective headings and respective blank areas to be updated with text, said form specifying for said headings a predetermined time to wait for a response from a user after a web browser audibly reads each of said headings before the web browser audibly rereads said each heading;

a web browser in said client workstation displaying said form with the respective headings and respective blank areas to be updated with text, audibly reading one of said headings and waiting for a user to audibly respond with corresponding text for the blank area associated with said one heading, and in response to lapse of said predetermined time after said browser audibly reading said one heading before said user responding to said audible reading of said one heading, said browser audibly rereading said one heading, and subsequently, in response to said user audibly responding with said corresponding text, said browser updating the written markup language for said form to include said corresponding text for said one blank area and displaying on said client workstation an updated state of the form with said one heading and with said corresponding text entered typed into said blank area associated with said one heading; and

subsequently, in response to said user speaking a command to said browser to send the updated written markup language for the updated form to said application in said server, said client workstation sending the updated written markup language for said updated form to said application in said server for processing.

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23. (Currently Amended) A method for completing a form, said method comprising the steps of:

a client workstation storing an audiovisual form in a written markup language, said form defining fields with respective headings and respective blank areas to be updated with text;

a web browser in said client workstation displaying said form with the respective headings and respective blank areas to be updated with text, audibly reading one of said headings and waiting for a user to audibly respond with corresponding text for the blank area associated with said one heading; ~~A method as set forth in claim 22 further comprising the step of:~~

wherein while said browser audibly reads said one heading, without user selection of said one heading or the blank area associated with said one heading, said browser automatically displaying a plurality of valid alternatives for said blank area associated with said one heading, one of said valid alternatives being said corresponding text; and

in response to said user speaking said corresponding text, said browser ~~performs said steps of updating the written markup language for said form and~~ displaying an updated state of the form with said one heading and with said corresponding text entered typed in said blank area associated with said one heading.

24. (Currently Amended) A method as set forth in claim 23 further comprising the steps of:

said browser updating the written markup language for said form to include said corresponding text for said blank area associated with said one heading; and

said browser sending said updated written markup language to a server via a network.  
~~wherein said browser is programmed to not perform the steps of updating the written markup language for said form or displaying an updated state of the form with said one heading and with said corresponding text typed in said blank area associated with said one heading until after said browser automatically displays said plurality of valid alternatives for said blank area including said corresponding text, and said user speaks said corresponding text.~~

25. (Currently Amended) A method as set forth in claim 24~~3~~ further comprising the steps of:

after said browser performs the steps of updating the written markup language for said form and displaying an updated state of the form with said one heading and with said corresponding text typed in said blank area associated with said one heading, said browser ceases to display said plurality of valid alternatives for said blank area, and subsequently, said browser audibly reading another of said headings and waiting for a user to speak another text for the blank area associated with said other heading, and in response to said user speaking said other text, said browser updating the written markup language for said form to include said other text for said blank area associated with said other heading and displaying an updated state of the form with said other heading and with said other text typed in said blank area associated with said other heading.

26. (Currently Amended) A method as set forth in claim 232 wherein while said browser audibly reads said one heading, without user selection of said one heading or the blank area associated with said one heading, further comprising the step of:

said browser automatically graphically indicating that said blank area associated with said one heading, and not any other blank area associated with any other heading, is currently waiting for said corresponding text from said user, ~~and will include said text after spoken by said user.~~

27. (Currently Amended) A method as set forth in claim 232 ~~wherein~~ further comprising the step of computer programming within said client workstation determining said corresponding text spoken by said user.

28. (Currently Amended) A method as set forth in claim 232 further comprising the steps of:

said browser responding to a spoken command by said user to skip entry of text into said blank area associated with said one heading and advance to a next one of said fields, said user speaking next text for a blank area of said next one of said fields, and in response to said user speaking said next text for said blank area of said next one of said fields, said browser updating the written markup language for said form to include said next text for said blank area for said next one of said fields and displaying an updated state of the form with said next text for said blank area for said next one of said fields entered ~~typed~~ in said blank area for said next one of said fields.

Claim 29 (Canceled).

30. (Currently Amended) A method for completing a form, said method comprising the steps of:

a client workstation receiving from a server via a network an audiovisual form in a written markup language, said form defining fields with respective headings and respective blank areas to be updated with text;

a web browser in said client workstation displaying said form with the respective headings and respective blank areas to be updated with text, audibly reading one of said headings and waiting a predetermined time for a user to audibly respond with corresponding text for the blank area associated with said one heading; A method as set forth in claim 22 further comprising the step of:

~~said web browser audibly reading another of said headings, and waiting a predetermined time for a user to audibly respond with corresponding text for the blank area associated with said other heading;~~ and in response to lapse of said predetermined time, said web browser audibly rereading said one heading to reminding said user to audibly respond with corresponding text for the blank area associated with said one other heading; and

instead of audibly responding with corresponding text for the blank area associated with said one other heading, said user audibly responding with a spoken command for said browser to accept keyboard entry of the text for the blank area associated with said one other heading, and based on said spoken command for said browser to accept said keyboard entry, said browser accepting subsequent keyboard entry of the text for said blank area associated with said one other heading.

Claim 31 (canceled).

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32. (Currently Amended) A computer program product for completing a form, said computer program product comprising:

a computer readable media;

first program instructions, for execution in a client workstation, to obtain an audiovisual form in a written markup language, said form defining fields with respective headings and respective blank areas to be updated with text;

second program instructions, for execution within said client workstation, to initiate display of said form with the respective headings and respective blank areas to be updated with text, audibly read one of said headings and wait for a user to audibly respond with corresponding text for the blank area associated with said one heading; A computer program product as set forth in claim 31 further comprising:

third program instructions to automatically display, while said second program instructions audibly read said one heading, without user selection of said one heading or the blank area associated with said one heading, a plurality of valid alternatives for said blank area, one of said valid alternatives being said corresponding text; and

fourth program instructions, responsive to said user speaking said corresponding text, to initiate display of an updated state of the form with said one heading and with said corresponding text entered in said blank area associated with said one heading; and

wherein said first, second, third and fourth program instructions are stored on said media in functional operative form.

33. (Currently Amended) A computer program product as set forth in claim 32 further comprising:

fifth program instructions, for execution within said browser, to update the written markup language for said form to include said corresponding text for said one blank area; and

sixth program instructions, for execution within said browser, to initiate sending of said updated written markup language to a server; and wherein

said fifth and sixth program instructions are stored on said media in functional form,  
~~wherein said second program instructions will not update the written markup language for said form or display an updated state of the form with said one heading and with said corresponding text typed in said blank area associated with said one heading until after said fourth program instructions automatically displays said plurality of valid alternatives for said blank area including said corresponding text, and said user speaks said corresponding text.~~

34. (Currently Amended) A computer program product as set forth in claim 332 further comprising:

seventh fifth program instructions, operative after said fifth second program instructions update the written markup language for said form and said fourth program instructions initiate display of the an updated state of the form with said one heading and with said corresponding text entered typed in said blank area associated with said one heading, ~~and after said fourth program instructions display said plurality of valid alternatives for said blank area;~~ to audibly read another of said headings and wait for a user to speak another text for the blank area associated with said other heading, and update the written markup language for said form to include said other text for said blank area associated with said other heading and initiate display of an updated state of the form with said other heading and with said other text entered typed in said blank area associated with said other heading; and wherein said seventh fifth program instructions are stored on said media in functional ~~operative~~-form.

35. (Currently Amended) A computer program product as set forth in claim 324 ~~wherein~~ further comprising fifth fourth program instructions, for execution within said client computer, operative while said second program instructions audibly read said one heading, without user selection of said one heading or the blank area associated with said one heading, to graphically indicate that said blank area associated with said one heading, and not any other blank area associated with any other heading, is currently waiting for said corresponding text from said user; ~~and will include said corresponding text after spoken by said user;~~ and wherein said fifth fourth program instructions are stored on said media in functional ~~operative~~ form.

36. (Currently Amended) A computer program product as set forth in claim 324 further comprising fifth fourth program instructions to determine said corresponding text corresponding to words spoken by said user; and wherein said fifth fourth program instructions are stored on said media in functional ~~operative~~ form.



37. (Currently Amended) A computer program product as set forth in claim 32~~+~~ further comprising:

fifth ~~fourth~~ program instructions to respond to a spoken command by said user to skip entry of text into said blank area associated with said one heading and advance to a next one of said fields; and

sixth ~~fifth~~ program instructions to respond to said user speaking next text for a blank area of said next one of said fields, by updating the written markup language for said form to include said next text for said blank area for said next one of said fields and initiating ~~displaying of~~ an updated state of the form with said next text for said blank area for said next one of said fields entered ~~typed~~ in said blank area for said next one of said fields; and wherein

said fifth and sixth ~~fourth and fifth~~ program instructions are stored on said media in functional ~~operative~~ form.

Claim 38 (Canceled)

39. (Currently Amended) A computer program product as set forth in claim 32+ further comprising:

fifth ~~fourth~~ program instructions to comply with a verbal command to skip from a current field to another field in said form;

sixth ~~fifth~~ program instructions to comply with a verbal command to review said form to check that all fields requiring text in their respective blank areas actually contain text in their respective blank areas;

seventh ~~sixth~~ program instructions to comply with a verbal command to delete text currently within a field of said form; and

eighth ~~seventh~~ program instructions to comply with a verbal command to clear the form by deleting all text within the blank areas within said form; and wherein

said fifth, sixth, seventh and eighth ~~fourth, fifth, sixth and seventh~~ program instructions are stored on said media in functional ~~operative~~ form.

40. (Currently Amended) A computer program product as set forth in claim 32~~+~~ further comprising:

~~fifth~~ ~~fourth~~ program instructions to comply with a verbal command to accept keyboard input, instead of verbal input, of text for a blank area of a field of said form, and subsequently accept keyboard input of the text for the blank area of the field of said form; and wherein

said ~~fifth~~ ~~fourth~~ program instructions are stored on said media in functional ~~operative~~ form.

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41. (Currently Amended) A client workstation to supply information to an application which resides on a server, said client workstation comprising:

means for receiving from said application in said server via a network an audiovisual form in a written markup language, said form ~~defining including~~ fields with respective headings and respective blank areas to be updated with text, said form specifying for said headings a predetermined time to wait for a response from a user after a web browser audibly reads each of said heading before the web browser audibly rereads said each heading;

a web browser including means for displaying said form with the respective headings and respective blank areas to be updated with text, audibly reading one of said headings and waiting for a user to audibly respond with corresponding text for the blank area associated with said one heading, and in response to lapse of said predetermined time after said browser audibly reading said one heading before said user responding to said audible reading of said one heading, audibly rereading said one heading;

said web browser including means, responsive to said user subsequently audibly responding with said corresponding text, for updating the written markup language for said form to include said corresponding text for said one blank area and displaying on said client workstation an updated state of the form with said one heading and with said corresponding text entered ~~typed~~ into said blank area associated with said one heading; and

means, responsive to said user speaking a command to said browser to send the updated written markup language for the updated form to said application in said server, for sending the updated written markup language for said updated form to said application in said server for processing.

42. (Currently Amended) A client workstation as set forth in claim 41 further comprising:

means for automatically displaying, while said browser audibly reads said one heading, without user selection of said one heading or the blank area associated with said one heading, a plurality of valid alternatives for said blank area associated with said one heading, one of said valid alternatives being said corresponding text.

43. (Currently Amended) A client workstation as set forth in claim 42 wherein said browser is programmed to not update the written markup language for said form to include said corresponding text or display an updated state of the form with said one heading and with said corresponding text entered typed in said blank area associated with said one heading until after the automatic display means automatically displays said plurality of valid alternatives for said blank area, and said user speaks text for said blank area associated with said one heading.

44. (Previously Presented) A client workstation as set forth in claim 42 further comprising:

means, operative after said browser updates the written markup language for said form and displays an updated state of the form with said one heading and with said corresponding text entered typed in said blank area associated with said one heading, for ceasing to display said plurality of valid alternatives for said blank area, for audibly reading another of said headings and waiting for a user to speak another text for the blank area associated with said other heading, and in response to said user speaking said other text, updating the written markup language for said form to include said other text for said blank area associated with said other heading and displaying an updated state of the form with said other heading and with said other text typed in said blank area associated with said other heading.